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TECH CENTER 1600/2900



SEQUENCE LISTING

<110> Vegeto, Elisabetta; McDonnell, Donald P.; O'Malley, Bert W.; Schrader, William T.; Tsai, Ming-Jer

<120> MUTATED STEROID HORMONE RECEPTORS, METHODS FOR THEIR USE AND MOLECULAR SWITCH FOR GENE THERAPY

<130> 246/180

<140> US 09/465,133

<141> 1999-12-16

<150> US 07/882,771

<151> 1992-05-14

<160> 4

<170> Microsoft Word

<210> 1

<211> 42

<212> DNA

<213> Homo Sapiens

<220>

<221> CDS

<222> (1) ... (42)

<223> Partial sequence of human progesterone receptor

<400> 1

aac ttg cat gat ctt gtc aaa caa ctt cat ctg tac tgc ttg 42

Asn Leu His Asp Leu Val Lys Gln Leu His Leu Tyr Cys Leu

1

5

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<210> 2

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<221> CDS

<222> (1)...(42)

<223> Mutant sequence UP-1 having a stop codon generated 36 nucleotides downstream of the C-2636 deletion.

<400> 2

aat tgc atg atc ttg tca aac aac ttc atc tgt act gct tga 42

Asn Cys Met Ile Leu Ser Asn Asn Phe Ile Cys Thr Ala

1 5 10

<210> 3

<211> 14

<212> PRT

<213> Homo Sapiens

<220>

<400> 3

Asn Leu His Asp Leu Val Lys Gln Leu His Leu Tyr Cys Leu

1 5 10

<210> 4

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Partial translated sequence of mutant UP-1

<400> 4

Asn Cys Met Ile Leu Ser Asn Asn Phe Ile Cys Thr Ala

1 5 10